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**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Werner BEISEL, et al.

Attorney Docket No. Q67495

Appln. No. Unknown

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: December 18, 2001

Examiner: Unknown

For: OPTICAL CROSS-CONNECT FOR OPTIONAL INTERCONNECTION OF  
COMMUNICATION SIGNALS OF DIFFERENT MULTIPLEX LEVELS



**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

Applicants wish to inform the Examiner of the following related applications:

1. Attorney Docket No. Q67496 filed on December 18, 2001 entitled "Optical Cross-Connect for Optional Interconnection of Communication Signals of Different Multiplex Levels".
2. Attorney Docket No. Q67494 filed on December 18, 2001 entitled "Optical Cross-Connect for Optional Interconnection of Communication Signals of Different Multiplex levels".

INFORMATION DISCLOSURE STATEMENT

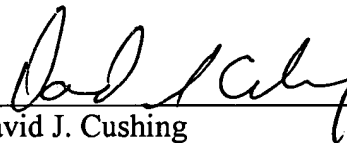
Attorney Docket No. Q67495

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
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Date: December 18, 2001

Substitute for form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Unknown
				Confirmation Number	Unknown
				Filing Date	December 18, 2001
				First Named Inventor	Werner BEISEL
				Art Unit	Unknown
Examiner Name	Unknown				
Sheet	1	of	1	Attorney Docket Number	Q67495

1-169 U.S. PTO  
10/020176  
12/18/01

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		INTERNATIONAL TELECOMMUNICATION UNION, "Network Node Interface for the Synchronous Digital Hierarchy (SDH)", Series G: Transmission Systems and Media, Digital Systems and Networks, October 2000, pages 7-19	
		NORTEL NETWORKS, "SONET 101", pages 1- 64	
		C. CLOS, "A Study of Non-Blocking Switching Networks", 1953, pages 406-424, B.S.T.J. No. 32	
		C. BRACKETT, "Cost Effective Optical Networks: The Role of Optical Cross-Connects", pages 1-15.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant indicate here if English language Translation is attached.